

DENTAL COLUMBIAN

NINETEEN

FORTY-EIGHT

FOR OF THE MOST

COLLEGE OF PHYSICIANS & SURGEONS
630 WEST 168TH STREET
NEW YORK, N.Y.

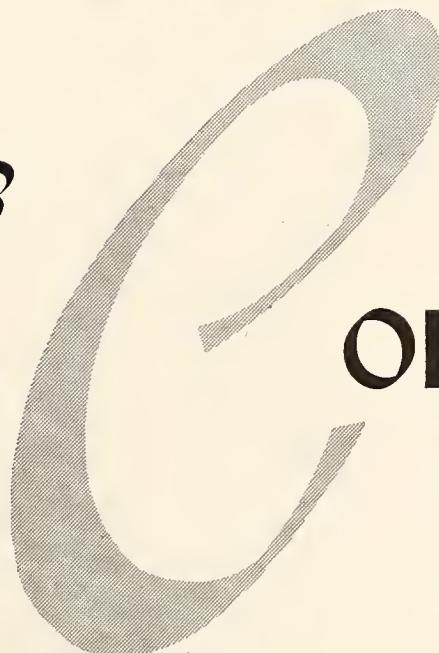


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The 1948 DENTAL COLUMBIAN



Published
BY THE SENIOR CLASS
COLUMBIA UNIVERSITY
SCHOOL OF DENTAL
AND ORAL SURGERY
OF THE FACULTY OF MEDICINE



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DANIEL E. ZISKIN, D.D.S.

Professor of Dentistry

Dentistry has reached a phase in its development when it must groom itself to become a recognized specialty of scientific medicine. Any goal short of this one can result only in retrogression to a technical status.

It is my hope that the Class of 1948 will lend staunch support to the development of dentistry along scientific lines and thereby make more vital the public service to which it dedicates itself.

My sincere wishes for your success, and gratitude for the honor bestowed upon me in the dedication of this book.

DANIEL E. ZISKIN

It is with a sense of deepest gratitude and affection that we dedicate this book to Dr. Daniel E. Ziskin, a man of outstanding achievements in dentistry whose personal warmth and magnetism have encouraged and brightened our efforts beyond measure.



FACULTY

Operative



CARL R. OMAN
D.D.S.

Professor of Dentistry

One thought concerning Operative Dentistry to come out of the period of war through which we have so recently passed, is this: we are forced to admit, in the face of the facts presented, that we have been woefully weak in our effort to adequately care for the teeth of the people who make up the population. When some 11,000,000 soldiers present multiplied millions of cavities and mouth lesions of every conceivable variety, it would indicate that we have failed to do our whole duty. The group that makes up the Army and Navy and Air Forces, being drawn as it is from the flower of young manhood, we might expect a different picture. Is there any relationship between good health and satisfactory oral conditions? In addition, consider the children of pre-school age, the children in their teens, the people from the lower economic levels, the ignorant and uncooperative, the aged, etc. Dental caries and allied conditions are so common as to constitute a universal disease. Does this not give you some conception of the task which you face as you take your place in the ranks of the dental profession? Surely there could be no greater challenge than to enter such a field.

How are we to combat such a terrific destructive force which confronts us? It is a part of the duty of the Dental School which is responsible for your dental education to furnish you with the weapons to carry on a successful war against these forces.

We have been told that, if we are able to control caries in the growing child to the age of 20 or early manhood or womanhood, we can more easily control caries which occurs, fortunately less frequently, in the adult. This, then, might give us a clue. Perhaps it would be better for dentists to concentrate on the younger age group in the hope that some day we may get caught up with the tremendous backlog of work to be done, and, in the majority of cases, prevent an early breakdown.

Dental research in the operative field has been concentrated upon the subject of dental caries. Much work has been done and much has been learned about dental caries. Our present position based upon the gains of the past help materially to lessen the incidence of this disease. Speaking specifically of results of caries research, we must use all methods at our command—diet, nutrition, topical application of fluorine, oral hygiene, vitamin therapy, restriction of carbohydrates, and the application of insoluble precipitates which will protect the external tooth surfaces. These are all aids in the control of dental caries and should be included in all treatments.

The Operative Division is doing its best to keep abreast with the developments in dentistry. The newer filling materials have been something less than a blessing and we are forced to rely on tried and proven methods in use over the span of years which is the history of modern dentistry. Because of this situation, we feel that our best service can be given by a thorough grounding in the fundamentals, stressing a knowledge of the supporting structures, anatomy of the teeth, histology of the teeth, and the function of the entire masticatory apparatus.

The student who possesses such an intimate knowledge of the structures upon which he is working, plus the knowledge and skill to execute the finer technics of the restoration of the teeth when attacked by dental caries, plus judgement, patience and a liberal amount of human kindness in his attitude toward his patient, can go far toward building a better and broader base upon which to practice dentistry.

CARL R. OMAN

Dentistry



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Prosthetic



GILBERT PERCIVAL SMITH
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Professor of Dentistry

Examination of the world situation today, after two great wars, reveals that one of the most outstanding changes is found in the outlook and attitude of the American people toward the rest of the world. We no longer believe that we can be secure living under the Monroe Doctrine and remaining withdrawn in a little world of our own. The advent of atomic energy, the fantastic reduction of space occasioned by the development of aviation and our increased consciousness of social responsibility have contributed, each in its way, to our realization that we must establish a stable political and economic world if we ourselves are to survive. The plight of the peoples of Europe and Asia has become of immediate concern to us all and calls for our help in restoring them to a position of strength and self respect, free from domination by an antagonistic power. Our differences with other nations must be settled by mutual concession if we are to avoid the suffering and destruction of continual wars. It is becoming more and more evident to the American people

that we must assume greater responsibility through statesmanship, sacrifice and work if we are to serve civilization and preserve our way of life.

Prosthetic Dentistry's horizon has extended in much the same manner in recent years. No longer is the crown, the partial denture or the complete denture believed an entity in itself nor is the prosthetic restoration merely a technical or mechanical problem. The oral cavity, considered as a whole with its surrounding structures in relation to the general well-being of the patient, is predominant in the thinking of the prosthodontist. Diagnosis is based on a better understanding of the relationship between teeth, bony structure, investing tissues and musculature with their correlated functions and effects on oral and systemic conditions. Oral reconstruction that perpetuates or unsuccessfully attempts to correct malrelationships may cause more harm than the original condition might induce. Exquisite technic and careful adherence to mechanical principles are still essential but broad knowledge and application of basic medical and dental sciences are fundamental if Prosthetic Dentistry is to render adequate service in the field of oral and general health.

You who are members of this year's graduating class have completed a course of training that approaches this goal more closely than was previously attainable. It is the hope of your teachers that your training at Columbia will permit you to assume your part in furthering progress toward higher achievements in Dentistry and in making this a better world. The Prosthetic Staff joins in wishing success and happiness to the Class of 1948.

GILBERT P. SMITH

Dentistry



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Instr. in Dental Technique

Oral Surgery



MAURICE J. HICKEY

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Professor of Oral Surgery

Expressed in its simplest terms surgery is a technical skill combined with good judgment. The manual dexterity required for surgical procedures can be acquired by any dental student capable of completing the dental school requirements. All that is required is the necessary time and the desire. The good judgment, so essential to surgical practice, comes with experience.

In the days of the development of Oral Surgery, technical skill and judgment were largely acquired at the expense of the patient. Unfortunately, unlike other surgical specialties, this is still true today of Oral Surgery. The days of the self trained general surgeon are over. This fundamental principle is more and more being accepted by the dental profession. Yet even today men graduate from dental school with the conception that the license to practice dentistry is all that is needed to become a surgeon. Persistence in this attitude can only lead to absorption of Oral Surgery into the other specialties of general surgery.



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This is a problem that only the dental profession can solve. The medical profession once faced this same problem and solved it by indoctrinating the Medical Student with the understanding that post graduate education was essential before practice. When the dental student automatically accepts the fact that post graduate education is essential for specialty practice the problem of incompetent oral surgeons will be solved.

There is no question but that every dentist who so desires should be competent to do the exodontia required in his own practice. To further this, every effort should be made to teach the undergraduate student as much clinical exodontia as time allows. Also the undergraduate student must realize that the allotted time is far too short to acquire any degree of skill in exodontia. Armed with this knowledge of his own weakness he should seek further training or avoid any surgery that may lead to complications which he is untrained to cope with.

MAURICE J. HICKEY



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LEWIS R. STOWE
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We of the Division of Oral Diagnosis are especially gratified to see this issue of the Dental Columbian dedicated to Dr. Daniel E. Ziskin. His conception of teaching dental diagnosis formed the basis for the evolution of the division from one engaged in charting carious teeth to an advanced scientific course. For his stimulating philosophy of teaching, for his efforts in correlating oral and systemic disease, and for his valuable contributions to the dental literature and especially to the fields of vitamin and hormone research, we feel this dedication is well deserved.

Under his guidance the division made rapid progress and the true value of basic science knowledge has been applied to clinical practice.

Every dentist must be a diagnostician. His examination of the oral cavity must bring to light all the facts related to dental, oral and medical disease. He must have an exact understanding

of the pathological processes, etiological factors both local and systemic, potential sources of disease and early danger signals. The diagnostician should be familiar with a large variety of laboratory tests and able to correlate the resultant information with the clinical findings. Only through possession of such factual knowledge and understanding coupled with mature judgement will the dentist be able to render a skillful diagnosis.

In an effort to improve and supplement the teaching of this vital subject certain innovations have been made to the curriculum. These include practical comprehensive diagnosis cases, weekly x-ray reviews and diagnosis seminars. The interest displayed by our undergraduates and post graduates and the valuable results derived, attest to the validity of such teaching methods.

LEWIS R. STOWE

Clinical Research



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Orthodontics



ARTHUR C. TOTTEN
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Prevention in Orthodontics is primarily the duty of the general practitioner. It is he who is responsible for the health of the oral cavity and not the specialist. A comprehensive knowledge of the body as a whole is a prerequisite to the complete understanding of the orthodontic problem. The incidence of malocclusion could be effectively reduced if the general practitioner recognized incipient malocclusions and instituted corrective measures.

It is the desire of this division to present to its undergraduate students definite methods for the practical application of orthodontic procedures to general dental practice. These methods shall be directed towards aiding in the solution of problems arising in preventive and restorative dentistry as well as those related to the preservation of the health of the oral tissues.

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instilled with a feeling of added security, comfort, and self-reliance, and the parent becomes aware of the fruitfulness of efforts to protect the health of the child.

Such service rendered to young individuals contributes largely to the physical and mental well-being and progress of the adult of tomorrow.

EWING C. MCBEATH



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The beneficial effects of conscientious and efficient dental service for children are manifold and far-reaching. The dentist experiences a pride in the accomplishment of a job well done and a conviction that his role in dental health conservation is more firmly established. The child is

Radiology

The x-ray has become the foremost diagnostic aid in dentistry. Its usefulness however depends upon several factors. For one thing an exacting technic must be followed. Radiographs lacking detail or that display distorted images are likely to be misinterpreted. The evidence must be visible to be intelligible, and the more clearly it is revealed the more precisely it can be read. In addition the dentist needs to possess a thorough knowledge of normal radiodontic anatomy in order to recognize the abnormal when it occurs. The chances of error in interpretation are very great unless skill and thoroughness are employed in the production of the radiograph and knowledge and sound judgment in its elucidation.

HOUGHTON HOLLIDAY



HOUGHTON HOLLIDAY
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HERBERT D. AYERS, JR.
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Dental History

The care of the teeth and of the mouth was one of the first health specialities and it became so extensive that dental care became recognized as a separate profession quite apart from the usual practice of other health care. However, scientific developments within dentistry have caused the profession to realize its oneness with the other health agencies.

To instill in the minds of students the desire to accomplish and to be of value to society it is well to acquaint them with the developments of the past and of some of the men who have studied and achieved things in the past.

WILLIAM H. LEAK



WILLIAM H. LEAK
D.D.S.
Curator of Museum

Periodontia

ological factors in periodontal disease. With this in mind, our investigations into causes and cures should scrutinize carefully and emphasize particularly the problems surrounding the tissue elements that make up the periodontal structures.

By these means we hope to enrich the horizon for students and through them eventually to enlarge our contribution to the public welfare.

Studies of this character comprise the major objective in research of the Division of Periodontology.

DANIEL E. ZISKIN



DANIEL E. ZISKIN

D.D.S.

Professor of Dentistry

While much progress has been made in the past in the use and improvement of established methods of practice in the field of periodontology, it seems clear that in seeking to chart a course for even more constructive advances we must alter the direction of our thinking toward a recognition of systemic influences as possible common eti-



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WILLIAM LEADER
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NICHOLAS VERO
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ALBERT KATONA
Master Mechanic



Columbia-Presbyterian Medical Center



G LASSES



Student Council

FRANK J. CACCIOLA

ENNIO L. UCCELLANI

ARTHUR ZINN, JR.

STEVEN S. SCRIVANI

Class of

We entered dental college during an epoch of great change—both in the world and in our beloved school. From our commencement, we are about to enter a condition of perhaps even greater turmoil and uncertainty than existed a brief four years ago. With the gravity of our futures in mind, therefore, it is also fitting that we examine the more humorous experiences of our sojourn together.

We began with the study of gross anatomy. To the majority of our distinguished colleagues its study was a perplexing drudge but to others it was a game of flying viscera. Early in the course, one of the boys started to hack away on his cadaver but was quickly stopped, and he was astounded when his cadaver was introduced to him as his classmate, Steve. Freshman year consisted also of many hours of Histology—those many hours of peering through smoked or cellophane eye

pieces. Oral anatomy kept us busy thinking—wondering who carved up Don's prize winning masterpiece. The year was difficult, but with the aid of study and the encouragement derived from Klein's smiling and happy countenance we were launched officially into the second year.

Sophomore year was a difficult adjustment for all of us, except for old father time Cacciola. Ucci found out that pontic didn't only signify the Latin word for bridge. Early in the year a reward was given to anyone who could find the oyster in the plaster bin. Many of us nearly became grey, not merely from the anxiety of technique, but the fatigue of ducking Paul's flaming torch. The most singularly stimulating experience of the year, aside from the study of pathology and pharmacology, was provided by the deep philosophic import of the daily discussions of the erudite Gene and "De Bux."

President—RUDOLPH V. PINO

Vice President—LIONEL E. REBHUN

Secretary-Treasurer—MICHAEL J. DEREVLANY



1948

Upper classmen continually told us that the junior year would be a pleasure in all respects. What a life! Many of us, however, were soon downtrodden with the intoxication of the paradise that this pleasure brought. In fact, we wished we had taken the advice of Lingusius Ratchet, ancient prophet and artiste, "a little pleasure is a dangerous thing." Besides assuming the dignity of distinguished clinicians, we kept trying to open the door on the secrets of diagnosis and we found out how efficacious sex hormones really are.

Through the turmoil on any typical day at about 4:30, we could discern through the mad scramble the following: Big Hank hurrying to the convention at the T. G.; Art rigorously campaigning unassumingly for the following year's elections; or Korney sniffing around for some talent for his private programs.

The end of the third trimester brought exams with each man looking to Nick for the moral

encouragement which made the ordeal easier. I shall always remember Nick's disciple, the old prophet Cacciola and his assistance in spreading the Gospel.

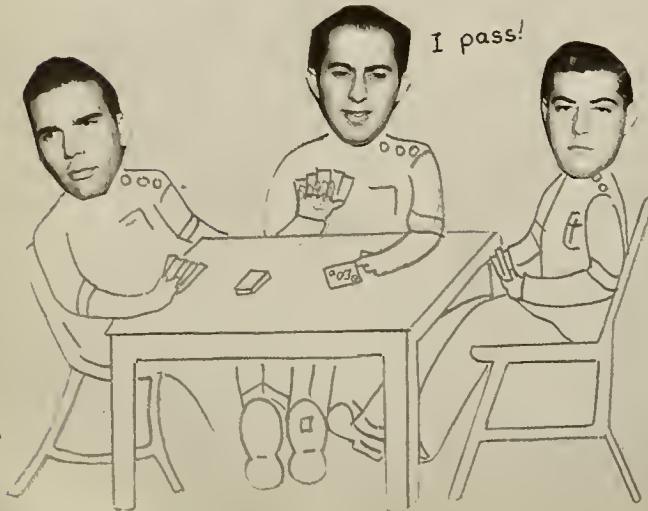
Senior year meant hard work and little pleasure and we were all resigned to the grind of 18 units of C. & B. Comprehensive cases were compared and everybody else's was a *shoor ceench*. Everyone worked hard, some for grades and the top positions in the class. But it was always difficult to discern who the "A" men really were. Discussions could be heard, behind the lockers, on the psychological sequelae of the towel treatment.

The years through Columbia were tough but, I believe that here we were formed, both as dentists and as men. We can look back on the happiest and most worthwhile years of our lives.

HAROLD R. ENGLANDER



Two little Fat Boys



Dentoons

We'll never forget the inimitable "Bux," unperturbed, pounding in an inlay to the tune of "Silent Night, Holy Night" sung by 300 students, doctors, and employees of the school.

And Big Hank beating off "all" his women with a club. Oh well, everyone dreams as he pleases.

Remember the supra-labial fuzz on Arslan, Goldwasser, Baumash and Shapiro. They say that Goldwasser transplanted it from the top of his head. Joe argues that at birth he had even less hair, which is one way to look at it.

Who will ever forget Nick Cava's actions when his patient swallowed a crown? First he screamed for an emetic, then a cathartic. Finally he demanded surgery after holding her upside down by the ankles and pounding her head against the clinic floor had failed. Oh well, everything "came out" for the best. "Wha happa?"

Leo Kantorowitz (he's a sure one) and his buddy Mel Klickstein for four years displayed what the well dressed man should wear (while he's working in the garden). Someone should tell Mel that the stuff on top of his head should be combed.

They say that "Professor" Eli Stern is work-

ing on a new technique for mixing plaster. The water is measured with a buret and its temperature controlled by means of a thermostat to within .000001°C. The plaster is weighed with a milligram scale to the correct proportion. The spatula is used in a circular motion, 35½ times. 36 times would ruin the mix by causing expansion in setting. This procedure must be carried out in a room where the temperature and humidity are controlled accurately. While mixing, the operator must stop breathing because the exhaled CO₂ hastens the set.

They say that Artie Zinn is attending our school to practice politics in order to run for Governor of California in the near future. We can say that he has mastered the methods.

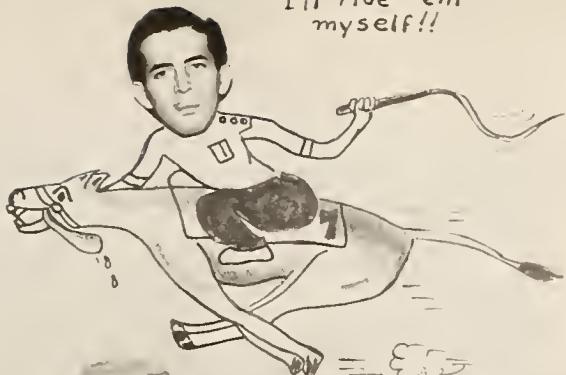
It is true that Maillard, using a brand new scalpel, needed two weeks to cut through Scarpa's fascia on his cadaver. He must have been counting the cells. Oh Mona!

That streak that just went past us was Don Disick. He hasn't stopped moving since 1944.

Facts prove that Pino and Lazoff weigh more than Scrivani, Mand, Delasho, Fenning, Haufe, Arslan and two x-ray machines all combined. Also, Prince is taller than Fenning standing on his

JAMES DELASHO

I'll ride 'em
myself!!



HURRY UP! LET'S GO OVER
TO THE "T.G." FOR A
COUPLE OF BEERS!



Old father
time—





PAUL ARSLAN

Paul, with his Charles Boyer accent, should be quite popular with his female patients. However, this is to notify all enterprising females that Paul is happily married to a very pretty and charming lady. Before coming to New York, Paul spent considerable time studying in France. He arrived at Columbia with an A.B. from New York University and has managed to keep quite busy, belonging to Jarvie, Dental Abstracts and serving as class vice president in the freshman year. Being a bridge fiend, Paul holds weekly sessions at his home at which he manages to trim many unsuspecting victims. He also plays chess with great zeal, and carries a miniature chess set around with him so that if he can't get enough people together for bridge, he can always find someone to play chess with. Paul plans to move out west and practice in California.



GABRIEL IRVING AUERBACH

If some of the lower classmen happen to be passing by the senior lockers someday and hear a barrage of French being spoken, this is to inform them that it is not a new student from France but "Monsieur Gaby." Having spent a portion of last summer in France, Gabe now qualifies as our class expert on French styles, customs, and language. He hails from Springfield, Mass. and before entering these sacred halls, received a B.S. degree from the University of Massachusetts. Gabe is a member of Jarvie and Dental Abstracts. After graduation, he plans to practice with his brother in Massachusetts.

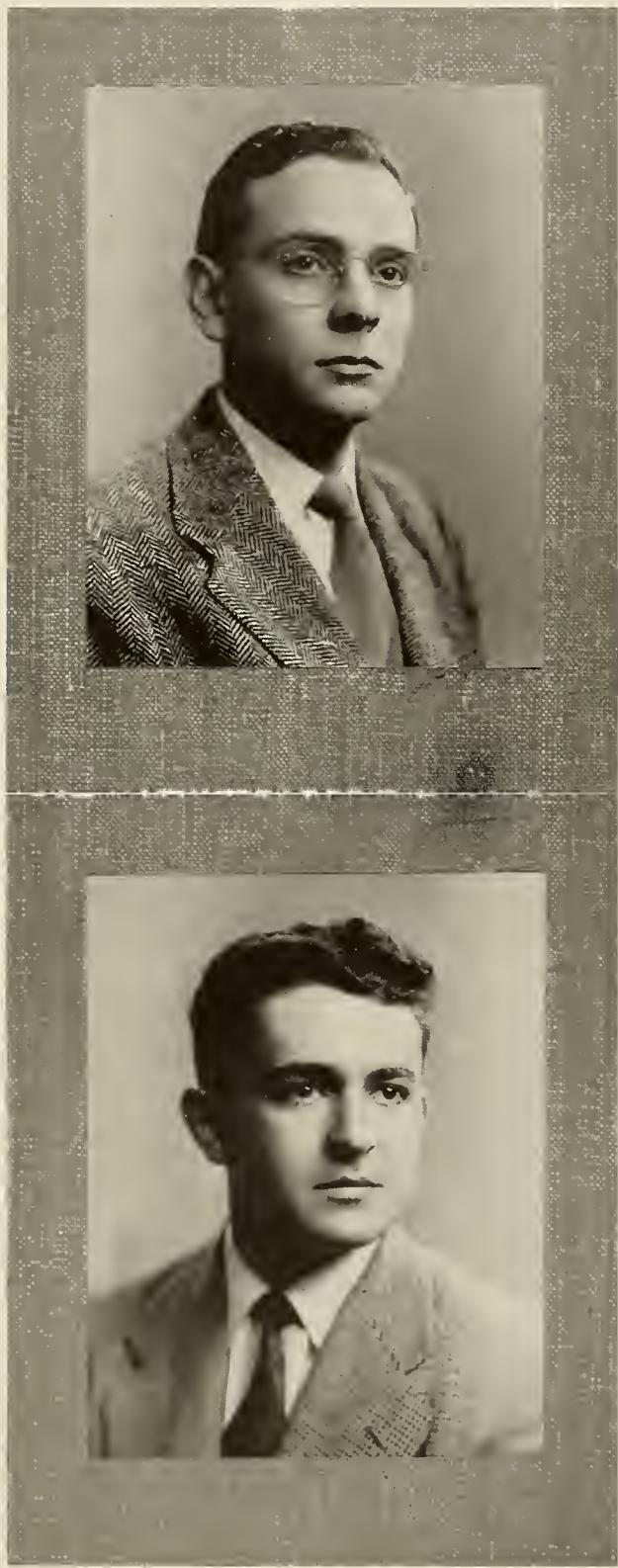


IRWIN HOWARD AUSLANDER

The freshman year was quite momentous for us because that was when we met "Doctor Buccinator." Little did Bux realize, when he completed his pre-dental training at New York University, that a facial muscle would play such an important role in his life. Bux is a very versatile person; he is a proficient bridge and pinochle player, and his favorite hobby is setting up teeth. He is a member of Alpha Omega and it is rumored that he made a contribution to Dental Abstracts. When Bux finally finishes the grind at ye olde dental school, he hopes to intern and eventually practice in Brooklyn.

HAROLD DAVID BAURMASH

Harold is the only one in the class who does not walk to the clinic floor—he bounces on. "Rubber legs" Hal got that way from plugging gold foils. Hal is a member of Jarvie, Alpha Omega, and is on the staff of the Dental Columbian. He received his B.S. degree from New York University. "Baumsquash" is an accomplished cartoonist. In the first two years, there used to be quite a battle as to who would sit next to this versatile gentleman. His caricatures of the lecturers helped immensely to keep us awake. Another noteworthy characteristic of Harold's makeup is his ties. His cravats are by far the most unusual creations since the House articulator. An internship at City Hospital will take care of his immediate future.



LUIS BLANCO-DALMAU

When it was discovered that Luis had a fluent knowledge of the Spanish language, every Spanish patient that came into the clinic was referred to him, either for treatment, or translations, or both. To add to his woes, the Abstracts Society decided that it would be a good idea to have translations of some of the Latin dental journals, so Luis became the recipient of as many of these as the Abstracts Society could find. In addition to his work with Abstracts, Luis is also a member of Jarvie and the Dental Columbian. He has recently become engaged, and upon graduation, he intends to marry and intern in Puerto Rico.

JOHN MARK BLUGERMAN

John is one of the less noisy members of our class (especially when coming to lecture ten minutes late). He has spent a considerable amount of time with Columbia University, having received an A.B. degree from Columbia College. He is a member of Jarvie and has contributed numerous articles to Abstracts. John is a lover of good music and spends a large portion of his spare time attending concerts and recitals. His future plans include an internship and later a private practice.



FRANK JAMES CACCIOLA

Anyone having trouble completing his C and B units should consult with Frank. He turns them out faster than rabbits multiply. Part of the credit for this is probably due to Frank's previous training as a dental technician in the army. It is not unusual to see Frank setting up a "full-full" in one afternoon, and the next day trying the finished dentures in the patient's mouth. His opponents believe he has a secret lab, but this hasn't been proved yet. Frank is a native of Jackson Heights, N. Y. and before entering the army and Columbia, he studied at St. John's University. At Columbia, he has been president of the sophomore class, member of Student Council in both junior and senior years, member of Psi Omega, and is on the 1948 Dental Columbian staff.



NICHOLAS JOSEPH CAVA

When Nick opens up his office in Bethpage, L. I., he'll have an advantage over most other dentists. Patients will be able to make appointments not only by 'phone but also by short-wave radio (if they happen to have one). Nick is the proud operator of Station W2WBO, and it is rumored that he already has prospective patients in South Africa and Alaska. Before coming to Columbia, Nick matriculated at Long Island University. When he wasn't worrying about such mundane matters as how to recover gold crowns that are accidentally swallowed by patients, he managed to be very active in Psi Omega, Jarvie and Abstracts. Upon leaving Columbia, he will either intern or practice in the U. S. Army.



KENNETH CHARLES DEESEN

Just sit Ken down at a piano and he'll be happy the rest of the day. Not only does he play the piano well, but he also has a good singing voice. In addition to these talents, he dabbles in photography; having supplied many of the photographs for both the 1947 and 1948 Dental Columbians. Kenneth considers himself an inlay expert and claims that he can produce inlay margins which can't even be detected with a razor-sharp Gillette explorer. He does it all with his little ball burnisher. (A good casting helps too.) He studied at Queens College and M.I.T., and is a member of Psi Omega and Dental Abstracts. Ken will probably find some way to combine photography with dentistry, so any day now we expect him to design a new dental unit with a built-in camera and handpiece.

JAMES WILLIAM DELASHO

The pride and joy of Yonkers came to our school with a B.S. degree from Manhattan College. To hear Jimmie talk you'd think that he ran things in Yonkers. (He says he does!) Jimmie is a man of the world and likes to travel. He came back from his Christmas vacation with a nice tan and some new experiences both of which he acquired in Florida. Jimmie likes to collect phonograph records, both old and new, especially if they are rare jazz items. He and Walt Engel have often spent most of their lunch hour discussing the relative merits of jazz artists. His future plans include an internship at Fordham Hospital and a practice specializing in Oral Surgery. He intends to limit his practice to females, ages 18 to 25 inclusive.



MICHAEL JOHN DEREVLANY

Mike read a book on how to play golf in ten easy lessons and ever since then he spends most of his weekends chasing an old golfball around the course. Having broken 100, he considers himself eligible to take on any of the other golfers in the class (provided they give him a suitable handicap, of course). Mike also indulges in photography and has taken numerous shots around the clinic (a few of which turned out). Michael came to us via the Army and Columbia College where he received an A.B. degree. He is a member of Psi Omega and secretary-treasurer of the senior class. He is also on the staff of the Dental Columbian, being responsible for most of these class write-ups. (No complaints please!) He says he'd like to have a nice private practice (four hours a day with Wednesday and Saturday off) somewhere on Long Island.

DONALD DISICK

Donald is one of our more zealous members. Whereas most of us are content to work on one patient a period, Don works on two or three. Chair eighteen often becomes obscured from view by the crowd of patients waiting to be treated by "Doctor" Disick, and if they complain, he quiets them very effectively. Don has no fear of comprehensives, having completed his before the year was half over. Brooklyn College claims him as an alumnus. When he is not surrounded by patients, chances are good that he's writing something for Abstracts. His favorite sport is automobile racing, especially along the West Side Highway. A good private practice is Donald's goal after graduation.



WALTER FREDERICK ENGEL, JR.

"A friend in need is a friend indeed." This seems to be Walter's motto. If you ever want to borrow anything, just ask Walter and he'll even lend you his last number seven spatula. Walter is known for his cleanliness and neatness. When Miss Bourque passes by his kit she looks at him, smiles and says: "Well-done, Walter!" Walter prepared for dental school at Wesleyan University. He was our class Secretary-treasurer in the second year and is a member of Psi Omega. Walter's main hobby is collecting jazz records. All you have to do is mention the word jazz, and Walter's eyes light up with a newborn enthusiasm. He will follow in his father's footsteps by opening a practice in Brooklyn.



HAROLD ROBERT ENGLANDER

The Class of '48 expresses deep appreciation in having had Hank with us through these four long years. Hank is a great sports enthusiast and can quote you the scores of any game you want to know at a moment's notice. His favorite sport is wrestling and he really is outstanding in this—especially on the dance floor. Hank arrived here (courtesy of the U. S. Army) after studying at City College and Washington University. He is a member of a local rifle club so all you boys who have been saying nasty things about Hank had better watch out. The Dental Columbian and Abstracts have benefited by Hank's contributions. When that happy day of graduation arrives, he hopes somebody will throw an associateship his way.



HOWARD RASSLER FENNING

Howie is one of the quiet, collected members of the menagerie. He goes ahead with his work without any fuss and produces results. Howie hails from Middletown, N. Y. and graduated from Lafayette University with an A.B. degree. Three years ago, he got tired of being a bachelor so he married and has been happy ever since. He has been a valuable asset to the First District Dental Society, having helped them at their meetings during the past year. Howie's future plans are a little vague but he has thought of having a private practice somewhere in the suburbs.



JAY W. FRIEDMAN

Invariably involved in either an erudite discussion or a game of chess, Jay has earned the distinctive appellation of class philosopher. When one considers that Jay is one of the younger members of the class, the significance of this title is all the more arresting. He makes his home in Hempstead, L. I., and studied his elementary biology at the University of North Carolina. Photography is a major interest of Jay's, and many a fine candid shot has he exhibited to incredulous classmates. A serious student, Jay has nevertheless found time for many a set of tennis on the hospital courts while some of us, less fortunate, labored over an obstinate finishing line. Jay's course of action after graduation is not yet fully charted, but he definitely resolves to "live sanely in a mad world."



JOSEPH MAY GOLDWASSER

If you turn to the back of this book you'll see a number of pages containing advertisements. These constitute a very important part of the yearbook as they help defray most of the cost of printing. The credit for getting these is largely due to the efforts of Joe Goldwasser, who as our advertising manager whipped the staff into such a frenzy that they couldn't help but come back with results. Before coming to Columbia, Joe studied at Union and Brooklyn Colleges, and received an A.B. degree from the latter. In addition to his work on the Dental Columbian, Joe has been very active in the Abstracts Society; he was also our class president in the Freshman year. Joe intends to open a private practice as soon as he finishes school.

PAUL EMIL HALLA

When Paul graduates from school, he'll be well prepared for practice because in addition to his training here, he also took a junior internship last summer at Wassaic. Impacted teeth, and broken roots came out easily under Paul's guidance. If the Division of Oral Surgery needs another instructor, Paul is willing to offer his services. Paul attended New York University and during the past few years, has been a member of Psi Omega fraternity, of which he is the chaplain (so he says). He is not completely satisfied with the training he received last summer, so he would like to do some further interning when he graduates.



THOMAS ROBERT HAUFÉ

One word (to quote Dr. Berger) describes Tom and that is "nonchalance." He never seems to worry about anything. Comprehensive requirements—Tom merely snaps his fingers, and they're all completed. He has a peculiar way of appearing to be doing nothing while at the same time, he is accomplishing a great deal. When Tom isn't being nonchalant, he spends his time at his family's farm upstate where he relaxes and takes pictures of his dog. Haufe came to us after having attended Fordham and Cornell Universities. Tom is on the staff of the Dental Columbian and is a member of Psi Omega. In addition to this, he was vice-president of our class in the junior year. Tom would like to get an associateship with a dentist who is well established, and whose working hours aren't too long.



LEO KANTOROWITZ

Outspoken Leo gave the class more than a few laughs by his witty answers and amazing questions. Leo received his B.S. degree from Providence College. He is one of the outstanding members of Alpha Omega Fraternity and is an active member in the Abstracts Society. He is the only man in the class who gave Dr. Oman lectures during Dr. Oman's lecture courses. Everyone of us at some time or another, enjoyed the kind hospitality offered at Klickstein's and Kantorowitz's modest abode. Sleeping facilities were unusual to say the least. Leo hopes to make a success of general practice in Providence. We think that it's a "sure thing."



HAROLD JACQUES KLEIN

Hal is the luckiest man in the class—because if we had known his middle name before this he wouldn't have lasted for four years. This little man had a busy time up at school. He was president of Alpha Omega, was in the Abstracts Society, and as a few of the class did, he married. "Pal Hal" received his A.B. degree from New York University. He goes in for golf, tennis, swimming, sailing and playing the piano. His immediate plan is to interne at the Hospital for Joint Diseases. However, his main ambition in life right now is to find a three room apartment for his little woman and himself. Good luck, Jacques.

JOHN ALEXANDER KORNIEWICZ

John is our class athlete. His favorite sports are baseball and basketball, having played both of them at college. His basketball playing was especially good and enabled him to become one of the stars on a professional team. If John's dentistry is as good as his basketball playing, he should become one of the top men in our profession. He studied at Holy Cross and St. Francis, and he expects to get his B.S. degree from St. Francis this year; so John will receive his B.S. and D.D.S. degrees at the same time. He has been a very active member of Psi Omega, especially on the entertainment committee. A successful private practice is John's goal after graduation.



MELVIN KLICKSTEIN

Hailing from Malden, Massachusetts, Mel has continually regaled those within hearing distance with his colorful "Bahsten" intonations. As a matter of fact, his phonetic maneuvers have caused many a distracted listener to insert an unknowing finger into a flame, in place of the forgotten Ward's carver. Mel received his pre-dental education at the University of Massachusetts and Trinity College, and includes fishing and gardening among his hobbies. We consider it mere hearsay that he phenolizes each seed bed before planting his roses. By way of extra-curricular activities, Mel is treasurer of Alpha Omega, and a member of the Dental Abstracts Society. Internship, followed by a private practice are Mel's plans for the future.



ARTHUR LAZOFF

Along about 6:00 o'clock every morning, Artie begins to stir uneasily in his bed, for he knows he must soon arise to begin his daily pilgrimage to school. It is a trip that wrenches almost an hour and a half from Art's valuable time, and it is rumored that he will soon apply for the position of itinerant tooth healer and extirpator for the road-weary passengers of the bus line he patronizes. Arthur acquired his Bachelor of Science degree at the City College of New York, and has remained a loyal if not vociferous booster of that school's basketball team through the years. Although he claims that his favorite pursuits are swimming and tennis, we know that he derives greater satisfaction from turning out catchless crowns and inlays which often amaze even our perspicacious faculty. A member of the honorary Jarvie Society, Arthur plans an associateship following graduation.



ROBERT MERVIN LEWIS

Bob is one of those quiet students who always gets things done. He received his pre-dental training at Rutgers University where he took a liking to physics and decided to put it to use later on by inventing a revolutionary type of articulator. This articulator hasn't as yet been perfected but when it is, future Columbia students will be using a Lewis articulator instead of the House model. (At least Bob hopes so!) He is also a member of Jarvie. When he isn't inventing new articulators, Bob manages to find time for some tricks of magic. He is probably the only magician who can produce a rabbit at a moment's notice—and he doesn't need a hat. Bob's sleight-of-hand should come in handy when he wants to give a local anesthetic without the patient knowing it. He also likes to ski and when winter comes around Bob spends most of his weekends skiing.

MORTON SAMUEL LOEB

Mort is another member of our class who is a ham radio operator. For those who may be interested his station is W2NKL and is located in Laurelton, L. I. (Memo to Nick Cava). Before entering Columbia, Mort studied at Queens College and Colgate. Mort heard the robins sing last Spring, so before the summer was over, he got himself hitched to a very charming girl. (That's why he always has a happy look on his face.) He holds the title of Associate Editor of Abstracts. When he graduates he isn't sure what he'll do, but he hopes he can get an associateship.



GENE CHARLES MAILLARD

Gene is a serious-minded student who occasionally throws a quip in the direction of "Bux." This results in an exchange of repartee between Gene and Bux which is very amusing to bystanders. When he isn't heckling Buccinator he is usually found in "8" lab setting up teeth until the lights go out. Gene resides in Ridgewood, N. Y., and attended Fordham and N. Y. U. He plays an occasional game of golf, so when he opens his office, it's a good bet he'll be playing golf on his days off. Gene is a member of Psi Omega and plans to study orthodontics after graduation.



STANLEY MERVIN MAND

Stan is known far and wide for his superlative pompadour and his perennial singing. Of somewhat less renown, however, is his middle name, and we understand that he prefers not to discuss it. At any rate, Mervin—oops!—that is, Stan, is a former New York University student whose current interests revolve about the *Dental Columbian* and Alpha Omega, interspersed with a good game of bridge now and then. His sense of justice is exhibited by the fact that he falls in love with a different girl every two weeks, thus giving more of them a chance. With internship and subsequent private practice in Stan's prospectus, we predict a bright future for this astute young man.



DAVID MARMER

Dave is extremely happy when he has the opportunity to wrestle with a problem mentally. "Like to keep my mind alert," he says. Well he must have had a wonderfully happy year, for as business manager of the *Dental Columbian*, the problems have been many and mystifying.

Serious-minded and conscientious, Dave is ever ready to howl at a good joke. He received his A.B. degree from University Heights of New York University and has been a member of the Jarvie Society since his first year. When the conversation falls to music or any kind of sports, any professional preoccupation is replaced by youthful enthusiasm. Dave is planning to associate after graduation—and then private practice.



DONALD MICHAEL McGANN

Just find Don a pipe and a book on naval history and he'll be very happy. For some reason or other he has acquired an interest in small boats and ships and likes nothing better than to look at a book filled with naval pictures. Perhaps the reason for his interest is due to the fact that he comes from Staten Island. Lately, Don has gone into the copperplating business. He has devised a cigar box affair which he claims copperplates his dies while he sleeps and the results are very satisfactory. Don managed to spend a little time at St. Peters College in Jersey City, where he received an A.B. degree. His activities at the dental school include membership in Dental Abstracts and Psi Omega fraternity. Don's future plans include a large family, large car and largesse.



HAROLD MILLER

The class of '48 owes a great deal to Harold—the class-wire. Any time we felt dejected, Hal was Johnny on-the-spot to bolster the morale with some choice bit of mimicry and satire. His three "friends," Dr. Cafundella, Morre, and Dante, are as much a part of the class as any of the students. Hal and his three friends received their B.S. at L. I. U., M.S. at N. Y. U., and are very interested in chemistry. Their hobbies and interests lie mainly in music (piano), theatre, travel and handball. Their future plans are many. They consist of an internship, research, teaching and post-graduate study. The class hopes that Hal's three friends never leave him, because they are the personification of his magnetic personality.



RUDOLPH VICTOR PINO

Having been class president for two years, Rudy will be happy when graduation comes and he can "retire." Among his achievements, for which he deserves a pat on the back, is convincing Dr. Pleasure that we didn't have to hand our corrected state board set-ups in. Rudy holds a B.S. degree from Fordham and is a member of Psi Omega. He has also been on student council for both junior and senior years. Rudy is engaged to Joan Buckley and they intend to get married as soon as he is graduated. After this he is taking a residency at Harlem Valley State Hospital and eventually he will open a private practice on Central Park West.



JOSEPH SEBASTIAN PORTALE

Joe is another one of our members who goes in for photography. Most of us are content to take pictures in black-and-white, but not Joe—all his pictures are in color. He has a very interesting collection of Kodachromes and occasionally has been kind enough to let the other class members see them. The projector in F-207 has come in mighty handy on these occasions. When Joe isn't taking pictures or showing his Kodachromes, he can be seen lugging his super deluxe operative kit through the clinic. Those who have seen the inside of this kit claim that it contains everything from a number seven spatula to shaving utensils. Joe studied at Villanova and during his stay here has been very active in Psi Omega. He has been married for two years and is the proud father of a 14 month baby. A private practice in Ridgewood, New Jersey, awaits Joe after graduation.

IVIN BITTKER PRINCE

Very tall, dark and exceedingly handsome, Ivin Prince is one of the most outstanding men in our class. As president of the William Jarvie Society, he played the major role in that organization. He is also responsible for our class's exceptional publications in Radiodontia and Therapeutics. He was a great editor. He was also the editor for the A. O. fraternity. Some of us think he should have been in journalism. He received his A.B. degree from N. Y. U. He plans to go into general practice. His excellent golf playing is only surpassed by his brilliant bridge playing. He is indeed the "prince" of us all.



HOWARD BLADES RASI

Howie entered our school after having received a B.A. from Cornell, and an M.D. from N. Y. Medical College after serving overseas with a U. S. Army medical unit. He is well known for his ready wit and ribald songs which he sings in a raucous manner. He possesses an inexhaustible knowledge of jokes and songs, and can produce either at a moment's notice. Howie has been a very welcome addition to our class, especially for those who want free medical advice. Howie hopes to become an oral and plastic surgeon, and after graduation, will spend the next few years in various residencies.



LIONEL EARL REBHUN

Lenny holds the distinction of having had a patient visit him at his home. He was awakened one bright Sunday morning by the ringing of his door bell. When he came to the door, who should he see but his patient with a bag containing her dentures and complaining bitterly. Needless to say, he was quite surprised and not very happy about the whole thing; so he now keeps his fingers crossed and hopes that it never happens again. Lenny is a man of many accomplishments. He holds a B.S. degree from City College, is a member of Alpha Omega, Jarvie Society, Abstracts, and is vice-president of the senior class. Lenny plans to practice in good old New York City. His favorite hobby is—being married.



IRWIN SCHNOLL ROBINSON

This tall, talented and tactful graduate of City College (he has a B.S. degree) is better known to the class as just plain "Winnie." The majority of the class is still wondering how he ever got that name. Winnie is a member of Alpha Omega, and is vice-president of the Jarvie Society. These activities plus all the work involved in going to dental school are enough to keep anyone busy; however, he still manages to find time for bridge. He plans to interne at Mount Sinai Hospital and later to get an associateship. Winnie is an avid sports fan, so besides giving his patients good dental treatment he can also give them the scores of all the latest games.

STEVEN SILVIO SCRIVANI

Steve is another person who accomplishes a great deal without saying much about it. Steve claims he is the founder and president of the T. G. Dental Association. (T. G. does not stand for tooth-grabber.) This organization is very unique in that the only requirement for membership is the ability to chug-a-lug. A resident of Brooklyn, Steve attended Brooklyn College. He is a hard worker and has contributed his talents to Psi Omega, Abstracts, and Student Council. He hopes that when he graduates, there will be an internship awaiting him.



SIDNEY SHAPIRO

Sid's invariably pleasant greeting every morning is often all one needs to dispel any gloom he may be carting to school with him. The world is a pretty nice place after all! Sidney gathered his pre-dental requirements at Hofstra and New York University, and at the moment, is continuing to gather requirements (of a different nature) along with the rest of us in this mad dash toward graduation. Sid is an Alpha Omega man, and has contributed regularly to the annals of the Dental Abstract Society. In his spare time, when he is not examining his carefully combed hair, he devotes himself to the palliative strains of classical music and the unwavering friendship of a good book. Sidney intends to intern after graduation and then establish a fine private practice.



JOSEPH ROBERT STEIN

Joe, or as he prefers, Jerry, is a man with many college alliances behind him. Due to his army training, he included with his original alma mater, City College, stays at New York University, Cornell, Yale, and now Columbia. While at school, Jerry was one of the foremost enthusiasts in the "bridge clique," and has shown quite a proficiency at this hobby. Always one of the speediest workers in the class, he has now added to his laurels an appointment to Mount Sinai Hospital, starting after graduation; following this he expects to go into general practice. Recently, Jerry entered into the bonds of matrimony and ever since, he and his lovely wife have been a very happy couple.



ELI SHELDON STERN

Along about September, 1944, there was propelled into our midst, a fiery bundle of energetic inquisitiveness called Eli Stern. Eli has been sort of a pioneer for the rest of us ever since. Doing a vast amount of reading on dental material and techniques, he has fascinating details like the freezing point of your favorite mouth-wash and the crushing strength of a rubber dam at his finger tips. Seriously, dental research is something very close to Eli's heart. He was the first one in our class to advocate and use the copper-plated die. The recent installation of a copper-plating set-up for student use was largely due to his efforts. Eli took his pre-dental courses at New York University and Columbia College, and since coming here, he has become editor of Dental Abstracts, and is an active member of Alpha Omega. An internship and associateship with as much research as possible, are among Eli's post-graduate plans.



PETER EDWARD STERN

If it's the latest uses of penicillin you'd like to know, or the score of the 1936 game between Columbia and Dartmouth, Pete is your man. Pete's enthusiasm for oral surgery is nearly matched by his active interest in practically every sport imaginable. Pete is an all-out Columbia man, having attended Columbia College prior to making his navy-blue appearance at 168th Street. Having already received his appointment as an intern at Mount Sinai Hospital, Pete is well on his way toward his ultimate goal—specialization in oral surgery. If family tradition is any indication at all, he should be a rousing success.



AKE E. A. SWANSTROM

It has been a great pleasure to have had Dr. Swanstrom with us for the past year. His presence has made us conscious of the international aspect of dentistry and the dental problems of other parts of the world. Dr. Swanstrom is a resident of Ostersund, Sweden, and studied at Leipzig University and Tandlakurnistitute at Stockholm. He has been practicing for sixteen years, but decided he would like to refresh his knowledge, and to study the dental techniques that are used in America. Thus he came to Columbia, and we hope has learned a few new things which will be useful to him in his practice in Sweden. His main interest has been our partial denture technique which differs considerably from the method used in his homeland. He will return to Sweden at the end of this year, but hopes to return again to this country for further study.



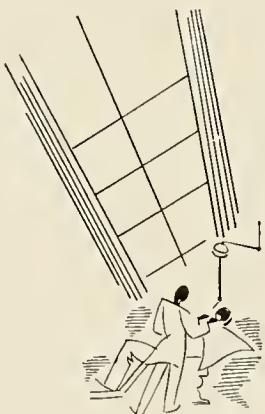
ENNIO LOUIS UCCELLANI

Ennio is one of the active members of the class, having studied at Cornell and City College, where he received his B.S. degree. A conscientious student with boundless energy, he is the Editor-in-Chief of the Dental Columbian and is on the editorial board of Dental Abstracts and the Columbia Dental Review. He is also a member of Jarvie, and has served three years on student council where he was secretary-treasurer for one year. "Ucci" has a great feeling for opera and also for spaghetti and ravioli. Did you know that "Ucci" also plays the piano well? Ennio is really an all-around good fellow and there is no doubt that he will have a successful future.



ARTHUR ZINN, JR.

We could never figure out why Art left such a nice warm state as California to come to New York with its unpredictable weather. Our guess is that he was willing to sacrifice the warm weather to go to a good school. However, after four cold winters in the east, Art will be only too glad to take that train back to the land of Sunkist oranges. Prior to entering Columbia, Art attended San Diego State College, and the University of Notre Dame, and since coming here he has been very active in school affairs. He is a member of Jarvie, Psi Omega, Dental Columbian, Abstracts (Associate Editor), and is president of the Student Council. Art takes his work seriously and has enough confidence in his work to call Dr. Smith over to look at his crowns and then hand him a Gillette explorer. Arthur is undecided as to whether he should take an internship, associateship or go into private practice.











President—ARMANDO E. ANDREOZZI

Vice President—GEORGE KURZIUS

Secretary-Treasurer—MARC BERG

Class

After having successfully side-stepped the hazards of the sophomore year we faced the junior year as the "Lucky Thirteen." The ranks of the mighty were getting thinner. Gone were the lengthy periods of learning new techniques and mastering the basic intricacies of modern dentistry. We looked forward to the time when we could apply the dental drill to a tooth anchored in its alveolus instead of a brass ring.

As an introduction to clinical dentistry we spent a pleasant but warm six week intersession at the end of our scheduled sophomore year during which we learned that the rubber dam punch has nothing to do with boxing, that first impressions are not always correct, and that under all circumstances the cervical clamp should be adjusted only

around the necks of teeth. Taking compound and plaster impressions on each other almost divided the class into feudal camps and some of us still have ulcerated gingivae to remind us of it.

The summer vacation—what was left of it—provided a relaxing interlude and saw most of the class hit the open road for a change of scenery. We still hear echoes of Lake Mountainview, Montreal and that agonizing bus trip from Syracuse to Boston. But as September neared we all cast aspiring glances toward Vanderbilt Clinic—and patients!

Our junior year started off in an expansive manner and in more ways than one. We greeted as welcome additions to the class Doctors Docktor and Popper. The former's name has caused the



of 1949

Student Council—JULIUS K. RICHMOND
HEDDA M. JOHN
JACK M. BREUER

clerks behind the center desk to doubt themselves every time they page him over the PA system. And so at long last, with our dental jackets neatly starched and our lockers bulging with new equipment we were ready for the clinic.

The clinic afforded us many and unlimited opportunities to display our talents as well as our ignorance of res dentes. The transition from typodont to patient was easily accomplished, except for one jarring note—pain. Here, however, it was impossible to prepare a class V amalgam only to find that it had been prepared on the lingual surface, as one of our class found to his dismay during sophomore technique. In crown and bridge technique we saw our typodonts take on a new golden-yellow hue as we completed our anterior

bridge and acrylic face crown. With all that gold, you can readily see why we really deserve to be known as "the '49ers."

Under the guiding and helpful hand of our instructors our way has been made easier and more productive. Good dentistry can be learned and performed only by men who have been trained by teachers who have instilled inspiration and confidence in their students. We have not found this spirit wanting.

Now onto the senior year with all its tests, temptations, and tempests. We shall miss the good comradeship of the present departing seniors, as well as their helpful hints and short-cut suggestions.

ARMANDO E. ANDREOZZI



Class of

The ethereal haze that hovered over us during the Freshman year has lifted, leaving us exposed to the elements of the Sophomore year. As a preview, we cleared the summer course in short order encouraged by the prospect of warm sunshine and no studies. Our strength still remained thirty-two strong, fluctuating to permit the loss of one and the gain of another.

Rude was the awakening for the sun tanned sophomores. The things to come were here. Deeply did we delve into the gyrations of the spirochetes, including the "aristocrat of them all." The rumor still persists that Jordan and Burroughs is Dr. Rosebury's pseudonym. One lasting lesson learned was the use of a rubber band to stop hair from falling—our Dental Material's testing laboratory has the acceptable specifications worked out. Furgang has an excellent physiological explanation why it *should* work.

Pathology and pharmacology received much

of our attention during the year. The pathology department was forced to adopt a stringent policy—the close watch kept over the museum specimens had its origin during the last meat shortage when an undifferentiated carcinoma disappeared.

We were proud to find that our class has left its mark with the physiology department. Barlow is conducting an original research project while Savad devised an improved kymograph marker. Other incidents are presenting themselves to impress the point upon us that we are leaving the mechanistic status of knowledge ingestion to enter the phase in which we are individuals in a society. Many of the fellows are writing for Dental Abstracts and four of our stauncher citizens were elected to Jarvie. The dental convention now begins to take on some significance with our more diverse background; we were there to rub shoulders with some bona fide dentists.

To prove that our classmates are human,

*President—MICHAEL A. RUSSO
Vice President—CHARLES L. LEVINE
Secretary-Treasurer—MORTON L. SHAPIRO
Student Council—JULIUS JUSSIM
SOL SAVAD*



1950

Citron and Buslow have left their bachelor apartments, while Lemrow, O'Loughlin and Savad entertained the stork.

Little scenes observed about the campus—

Hy Citron falling in line behind the other married men to telephone his daily lunch hour report to his wife.

Vairo and Tansky teaching each other the facts about politics during beavering sessions.

The cry, "I nominate McManus" resounds every so often. Won't somebody please vote for him.

The remodeling of the clinic has started with the installation of one individual unit for criticism; the student name plates and screw driver are on order.

The second year brought a shift of emphasis in class instruction from the theoretical to the technical aspect of dentistry. The green teeth in operative technique managed to cause many anxious moments. The mellow suggestions of

DO IT OVER reverberated every so often over the lab floor. During the week preceding Christmas, the instructors used "please."

With eagerness, the married men judiciously studied the House Technique—only to discover that they must remain with their in-laws—it had nothing to do with the construction industry. However, Dr. Pleasure did put across his argument for the use of non-anatomical posterior teeth in full dentures, "for what other tooth can carve through a pre-war corned-beef sandwich with such ease?"

The long climb up the ladder of knowledge has brought us over the hump, allowing us to level off for the next two years. Not that we expect a foot-on-desk attitude but the completion of the major portion of our pre-clinical courses will permit us to consolidate and to apply, practically, our newly acquired knowledge and skills in clinic.

MORTON L. SHAPIRO



Class of

The first act of our bright and shining new freshman group as a class was to elect a Führer and some ward-heelers. Through some quirk of fate, smacking of Tammany Hall, James Gerard Murphy was elected President, Wilson Thomas Worboys Vice-President, Edward Mitchell Griffin Secretary-Treasurer, and Roger Pettingell Adams Student Council Representative. After having been promised at least one molar in every cadaver by the new politicians, the class felt reassured that their ballots had not been cast in vain and all turned to the work of mastering the problems of freshman year.

Dean East and the Dental Staff provided our first social function by inviting the class of '51 to be their guests at a dinner held at the Men's Fac-

ulty Club. This hospitable gesture on the part of the faculty served well indeed to make our fledgling group feel at home in its new environment. Sincere appreciation was expressed by all the members of the class.

We soon got down to the business at hand; namely, the labors listed in the first year dental curriculum. After setting all sorts of new scholastic records, we suddenly found time to look around at each other. Upon comparing experiences B.C. (before Columbia) we learned that our twenty-eight veterans, out of our class of thirty members, almost single-handedly had been responsible for the termination of hostilities in the second Great War. The Air Corps men did most of the talking, the Navy men almost as much, and the Infantry

President—JAMES G. MURPHY

Vice-President—WILSON T. WORBOYS

Secretary-Treasurer—EDWARD M. GRIFFIN

Student Council—ROGER P. ADAMS



1951

men simply continued grumbling. A few words in behalf of the other service branches were contributed by our one member who served in Mess Kit Repair. It seems that he was transferred from the Air Corps when it was discovered that he had an I.Q.

We learned further that 50% of the class is married and that six of the married men are very proud fathers. Bill Houser, leader of the fathers with two little girls five and three years old respectively, suggested that by graduation time a special kiddies' section will have to be reserved to accommodate the youngsters of the old men, who incidentally will have reached an average class age of thirty by graduation.

Our national scope is quite extensive with

twenty-six different colleges and universities being represented by the class members. Victor Manuel Rivera-Gonzalez represents Puerto Rico as our eastern limit, whereas our representation extends as far westward as Hawaii in the person of Kenneth Murakami.

In the light of our varied qualities and characteristics, we feel certain that few classes like our own have ever before passed through the School of Dental and Oral Surgery. Furthermore, we feel that as soon as a new Committee on Admissions has been appointed, and cautioned as to the fate of the previous committee as a result of their work in assembling the Class of '51, no future class resembling that of '51 will ever be assembled again.

JAMES GERARD MURPHY

Courses for Dental Hygienists



FRANCES AGNES STOLL, R.D.H., M.A.

Director of Courses for Dental Hygienists



MARY JANE KELLOG
R.D.H.

Asst. in Dental Hygiene



DOROTHY WILLIAMS
R.D.H.

Asst. in Dental Hygiene





Class of 1949

The Beginning of a New Chapter

The Class of 1949 marks the beginning of a new chapter in the history of training of Dental Hygienists at Columbia University. The Courses for Dental Hygienists has been increased from one to two academic years. On October 21, 1947, the University Council approved the establishment of a Bachelor of Science degree to be conferred upon students who, having been admitted on the basis of two years of approved college study covering not less than sixty points in liberal arts subjects, including satisfactory courses in English, biological science or chemistry, and psychology or sociology, complete the course of instruction in the field of Dental Hygiene prescribed by the Faculty of Medicine, consisting of two academic years of study. This indeed is a great step—a step that will raise the dental hygienist to a professional level. The main aim of this new curriculum is to provide superior trained women and leadership which have been sadly lacking in this young profession.

Let us take a look at the Class of 1949, twenty-two students hailing from various parts of the country. Glancing over the map we find members of the class from Connecticut, Florida, Massachusetts, Michigan, New Jersey, New York, Tennessee, and Puerto Rico. Charming and petite, Miss Elba Luz Acevedo of Puerto Rico comes to us as a scholarship student from the Government of Puerto Rico. She is the first student dental

hygienist to receive this scholarship since the passing of the law licensing the dental hygienist in that insular territory. The Class of 1949 claims two veterans, Miss Lotta Osterberg, Pharmacist's Mate Third Class of the WAVES; and Miss Gladys Potter, Private First Class of the WAC.

Upon completing the Courses for Dental Hygienists each girl will receive the Certificate in Dental Hygiene. In addition to the certificate in Dental Hygiene six students in the present class are working toward the Bachelor of Science degree in Dental Hygiene. They are: Miss Edith Maguire, Miss Lotta Osterberg, Miss Lois Page, Miss Shirley Roberts, Miss Selene Ross, and Miss Phyllis Satlof. Miss Maguire has already obtained a Bachelor of Arts degree from Hunter College, New York City, and Miss Osterberg was graduated with a Bachelor of Science degree from Northern Michigan College of Education. The students who are working for their degrees make up the committee of Dental Hygienists on the Staff of "Dental Abstracts." They review and abstract current literature pertaining to health education and dental hygiene. One-half of the class has had college work prior to enrolling in the Courses for Dental Hygienists. The colleges attended include: Alfred University, New York; Austin Peay State College, Tennessee; Bergen Junior College, New Jersey; Larson Junior College, Connecticut; Maryland

State College for Women, Maryland; Miami University, Florida; New York University, New York; St. Petersburg Junior College, Florida; and Queens College, New York.

At the class election held in October the following officers were chosen: President, Miss Lotta Osterberg; Vice-President, Miss Lois Page; Secretary, Miss Joyce Cohen; and Treasurer, Miss Eleanor Carter.

Although comparatively young, as professions go, the Dental Hygienist has proven her value in dentistry and as a health educator. As future dental hygienists the members of the Class of 1949 have a most vital and challenging field awaiting them.

The Class of 1949 extends its sincere thanks to Doctor Houghton Holliday, who during his Associate-Deanship instituted and faithfully supported the drive for funds that would assure the increase of training to two years; to Frances A. Stoll, Director who prepared and is executing the new curriculum and to Associate Dean Bion R. East for his indefatigable efforts in bringing the Bachelor of Science degree in Dental Hygiene to reality.

LOTTA M. OSTERBERG





ACTIVITIES



Dental Columbian

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Business Manager—David Marmer '48

Advertising Manager—Joseph M. Goldwasser '48

Faculty Adviser—Dr. Solomon N. Rosenstein

Photography Editor—Kenneth C. Deesen '48

Associate Photography Editors

Thomas R. Haufe '48

Sol Savad '50

Art Editor—James W. Delasho '48

Associate Art Editor—Harold D. Baumash '48

Circulation Manager—Frank Cacciola '48

Circulation Staff

Rudolph V. Pino '48

Michael A. Russo '50

Editorial Staff

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Michael J. Derevlany '48

Armando E. Andreozzi '49

Ivin B. Prince '48

Morton L. Shapiro '50

Arthur Zinn, Jr. '48

James G. Murphy '51

Lotta M. Osterberg '49

Gabriel I. Auerbach '48

Advertising Staff

Stanley Mand '48

Joseph Tansky '50

Philip McManus '50

Bernard Yanowitz '49

THE DENTAL COLUMBIAN

This is the second *Dental Columbian* to be published since the end of the war. So far, the post-war reconstruction period which we have entered has only served to point out in a most pressing manner the need for clearer thinking, planning and cooperation among all men. Such a course of action by the dental profession throughout the world could have only a beneficial effect. It was with this in mind that the topic of World Dentistry and its relation to the post-war world was chosen as a timely theme for the 1948 *Dental Columbian*. The dental profession, the world over may well pause to take stock of its past achievements and failures, and plan how it may best fulfill its purpose in the future. Qualified persons representing dental students, instructors, public health workers, and administrators were asked to develop the topic from their points of view in a series of five feature articles. A word about the authors might not be amiss.

Dr. Bion R. East, as administrative head of our dental school, was asked to contribute an article. The staff of the 1948 *Dental Columbian* wishes to take this opportunity to express its appreciation to Dr. East for his generous cooperation and encouragement in our undertaking.

We were especially fortunate in having two of our own classmates, Messrs. Arthur Zinn and Gabriel I. Auerbach, represent American Dental Schools at the recent international dental students' convention at Leeds, England. They very capably favored us with a report of the convention's activities.

Dr. A. K. Ovadia, a post-graduate student, Secretary for Foreign Contacts, Associazione Medici Dentisti Italiani (Italian Dental Association) and representative of the G. Eastman Institute of Rome, has contributed a succinct and clear appraisal of dental education in Italy in the past, present, and future.

Dr. George Stein's past career has given him an unusual insight into both American dentistry and dentistry as practiced in Central Europe. A research associate at Columbia, Dr. Stein's recent visit to the Continent enabled him to observe at first hand how the war affected dentistry there. His intimate knowledge of American dentistry and both pre-and post-war Central European dentistry therefore uniquely qualifies him to present a comparison between the two.

The Scandinavian public health program as related to dental service was studied by Mrs.

Frances Stoll, Director of Courses for Dental Hygienists at Columbia University in a recent trip to northern Europe as Honorary Fellow of the American-Scandinavian Foundation. She kindly consented to outline for us the results of an exhaustive study of dental service in Sweden.

We realize that in attempting to develop a topic as broad and significant as that chosen as theme of this publication, many serious errors, especially of omission, are bound to occur. For these and all the other shortcomings which the book may have, we humbly apologize. It is to be hoped, however, that at least some thought along the lines of the theme has been stimulated. Perhaps it may be found useful in forming an attitude that will aid the dental profession to take its own steps in helping develop the "one world" ideal toward its fulfillment.

The publication of this yearbook certainly would not have been possible without the active cooperation of all concerned. We wish to express our appreciation to its contributors, especially for the feature articles, and to all who helped in large measure or small. Special thanks go to Michael Derevlany, not only for being responsible for most of the individual write-ups but for so bravely facing any animosities thereby incurred. For the herculean task of so ably covering the posts of Business Manager and Advertising Manager, we are indebted to David Marmer and Joseph Goldwasser respectively. To confreres James Delasho and Harold Baurmash, we owe thanks for the excellence of the art work. Thanks go also to the capable fingers of Kenneth Deesen and Tom Haufe that clicked the camera shutters and bathed in the developer. For patience in deciphering scrawled manuscripts and rendering them legible we give an appreciative nod to Miss Mary Grillo. To Mr. Griffin of the Comet Press who so affably and capably guided us along our unsteady way we are deeply indebted. Last, and farthest from least, we offer a special vote of heartfelt thanks to Dr. Solomon N. Rosenstein, who as faculty advisor offered most generously of his time and energies to help us.

We trust the glimpses of life at your Alma Mater that we have attempted to record permanently within these pages, for all their shortcomings, will grow dearer with the passing of time. May your future be of such fulfillment that upon perusing these pages in the years to come, you may be genuinely thankful for what your stay on "Floor G" made possible.

ENNIO L. UCCELLANI

Student Council



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Sophomores

Julius Jussim
Sol Savad
Michael A. Russo

Juniors

Julius K. Richmond
Hedda M. John

Freshman

Roger Adams
James G. Murphy

William Jarvie Society



OFFICERS

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Treasurer	JULIUS K. M. RICHMOND
Faculty Adviser	DR. SOLOMON N. ROSENSTEIN

The William Jarvie Society for Dental Research was founded twenty-two years ago in honor of William Jarvie, a benefactor of Columbia Dental School. The purpose of the organization is to foster interest in dental research and education.

The active members of the Jarvie Society are those elected from the student body of Columbia. Membership is based on a high scholastic standing, as well as character and interest in dental research.

An annual dinner takes place at the Faculty Club of Columbia University at which Associate Dean Bion R. East, Drs. Ziskin, Diamond, and Rosenstein, honorary alumni, and active members are present to welcome the guest speaker.

The officers and members of the William Jarvie Society would like to feel that through the activities of their organization, dental research is provided with another channel through which it may influence dental progress.

Seniors—Harold Daniel Baurmash, David Marmer, Ivin Bittker Prince, Irwin Schnoll Robinson, Paul Arslan, Gabriel Irving Auerbach, Lionel Earl Rebhun, Ennio Louis Uccellani, Arthur Zinn, Jr., John M. Blugerman, Louis Blanco Dalmau, Nicholas J. Cava, Robert Lewis, Arthur Lazoff.

Juniors—Jack M. Breuer, Julius Kenrick, Makepace Richmond, George Kurzius, Bernard Yanowitz.

Sophomores—Sol Savad, Julius Jussim, Hyman Citron, Stanford Harris.

Omicron Kappa Upsilon

OFFICERS

President
Vice-President
Sec'y-Treasurer

Dr. Moses Diamond
Dr. Daniel E. Ziskin
Dr. Edward V. Zegarelli



Omicron Kappa Upsilon is the "Phi Beta Kappa" in Dentistry. This national honorary dental fraternity was organized in 1914 by the faculty of Northwestern Dental School. Since that time the Society has expanded steadily until at present it is composed of 37 active chapters in the various dental schools of the United States.

Epsilon Epsilon Chapter of Omicron Kappa Upsilon at Columbia University was granted a charter on March 19, 1934. On May 16th of that year the chapter was formally organized and elected Dr. William B. Dunning its first President. These past 14 years of our local chapter's existence have been consistently fruitful with the result that we now have a total membership of 164.

Each chapter of Omicron Kappa Upsilon is composed of active and alumni members. The active membership consists of those members of the dental faculty who were formerly alumni members and were elected to active membership after having served as teachers for at least three years. The alumni members are those elected to membership from the various graduating senior classes down through the years and dental practitioners who are honored for outstanding contribution to the field of dentistry.

Towards the close of each school year, the members of Epsilon Epsilon elect a group from the senior class not to exceed 12% of that group. Election is based on excellence in scholarship and character during their four years of attendance in Dental School. At the last annual convocation of our fraternity, the following members of the class of June 1947 were inducted: Arnold Halperin, J. C. Thomson, John J. Lucca, Chester Rackson and Edward Luboja. In addition, the following members of the staff were also initiated: Drs. Samuel B. Drelich, George Hindels and J. S. Friedlander.

In order to encourage and stimulate professional achievement after graduation, the chapter from time to time extends membership to dental alumni of Columbia University who particularly distinguished themselves in our profession. In this way, Omicron Kappa Upsilon tends not only to advance the high ideals of dentistry but also to stimulate progress and research.

Our chapter will soon perform our happy although difficult function of selecting for membership certain individuals from your class of 1948. Who they will be cannot be known as the Dental Columbian goes to press. To those of you who may be fortunate enough to be thus honored, the members of Epsilon Epsilon Chapter extend a hearty and sincere congratulations. However, to those of you who may not be among the few chosen, the fraternity looks forward to the time when she may honor you for distinction in practice, teaching or research.

To each and all members of the class of 1948, Omicron Kappa Upsilon extends its heartfelt congratulations upon entering the profession of dentistry. May you at every turn in your careers forever advance the unselfish ideals which will further elevate and dignify the practice of dentistry.

Dental Abstracts



Since its inception in 1945 under the sponsorship of Dr. B. O. A. Thomas, *Dental Abstracts* has grown not only in size but in responsibility. The mimeographed copy of fifteen pages of former years has matured to a forty-page printed publication of five issues annually with material from over ninety dental and medical publications. In addition there is a foreign section for contributions from other parts of the world written by capable men in several foreign countries. Book reviews and editorials have also been added to enhance the value of the publication. In accordance with the policy of some of the best scientific publications, the December issue will have a complete cross index of all abstracts that appeared in 1947.

The main object of *Dental Abstracts* is to acquaint the dental student with dental literature. Stagnation of the professional mind can only come about by lack of knowledge of the latest techniques. If the student knows how to evaluate the dental literature while in school, he will maintain and utilize that same ability in practice. The other

main objective is to ease the burden on the busy dental practitioner. *Dental Abstracts* will tell him about the better articles in dental literature and where to find them.

ELI STERN

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$\Psi\Omega$

Grand Master—Charles B. McAllister, Jr.

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Class of '48—Frank J. Cacciola, Nicholas J. Cava, Kenneth C. Deesen, James W. Delasho, Walter F. Engel, Jr., Thomas R. Haufe, Paul Emil Halla, John A. Korniewicz, Gene C. Maillard,

Rudolph V. Pino, Steven S. Scrivani, Arthur Zinn, Jr.

Class of '49—Armando E. Andreozzi, Charles B. McAllister Jr., Raymond L. Prata.

Psi Omega

In 1942 Psi Omega celebrated the fiftieth anniversary of its birth. The initial chapter was formed at the Baltimore College of Dental Surgery in the spring of 1892, and since then the fraternity has grown to encompass twenty thousand members in over thirty chapters spread throughout the United States. Now the largest dental fraternity, time has proven the worth of its foundation and strength of character. Tribute is to be paid not only to its founders but also to those capable men who through their zeal and faithful adherence to the standards of the fraternity have kept the organization alive.

The qualities of the fraternity are prudence, zeal, and integrity. Prudence guided the formation of those principles which have brought Psi Omega to its present status and guaranteed the future welfare of the group. Zeal is evident in all members, both alumni and student; and integrity of the whole develops brotherly spirit, closer association among colleagues and makes each member glad to be one of this fraternity.

In the recent conflict many of our members were posted throughout the world, caring for our men at base hospitals, battle lines, and on the high seas, thereby helping fulfill their obligation to humanity. They rendered aid to the unfortunate of war stricken areas, alleviating their sufferings and diseases. They conducted themselves admirably as members of a noble profession and an honored society. Many fell beneath the iron fist

of war but those who returned are thankful for the courage and guidance the principles of their fraternity had imbued in them.

The active members of Gamma Lambda have also felt the strains brought on by war. The location of the chapter in a large metropolis suffering from the housing shortage resulted in the loss to our fraternity of the chapter house. The members have not been inactive however, and fraternity functions have been proceeding at a slower but steady pace. Frank Cacciola has been leading the group as Grand Master ably assisted by Cava as Junior Grand Master, McAllister as Secretary and Andreozzi as Treasurer.

Initiations have been concluded and plans for a new and better chapter house are under way. The annual senior dinner banquet has been held and Psi Omega Diplomas were awarded to Frank J. Cacciola, Nicholas J. Cava, Kenneth C. Deesen, James W. Delasho, Michael Derevlany, Walter F. Engel Jr., Thomas R. Haufe, Paul Emil Halla, John A. Korniewicz, Donald M. McGann, Gene C. Maillard, Rudolph V. Pino, Howard R. Rasi, Steven S. Scrivani, and Arthur Zinn Jr.

And so another year in the history of Gamma Lambda has passed. Those who are leaving shall always remember the pleasant associations and happy moments spent in fraternal gatherings and we hope that those who follow will have in some way gained from our presence.

THOMAS R. HAUFFE





AΩ

President—Harold Klein

Vice President—Bernard Yanowitz

Secretary—Eli Stern

Treasurer—Melvin Klickstein

Historian—Ivin B. Prince

Class of 1948—Melvin Klickstein, Joseph R. Stein, Eli S. Stern, Irwin S. Robinson, Ivin B. Prince, Leo Kantorowitz, Lionel E. Rebhun, Irving H. Auslander, Harold J. Klein, Harold D. Baurmash, Stanley M. Mand, Sidney Shapiro.

Class of 1949—Harvey Pobiner, Bernard N. Yanowitz, Jack M. Breuer.

Alpha Omega

The Eta Chapter of Alpha Omega is proud to report on its activities of the past year. We started our speaker meetings with a highly interesting talk by Dr. Max Pleasure. Dr. Pleasure gave us the highlights of his trip to Europe on behalf of the Joint Distribution Committee during the summer of 1947. With Dr. Pleasure were Drs. George Stein of Columbia, and Samuel Hemley of N.Y.U. The purpose of their trip was to teach and set up dental training for displaced persons.

At our next speaker meeting Frater Dan Seldin visited the house and spoke on the subject of immediate denture service. We also enjoyed seeing a film on the removal of an adamantinoma.

An extremely illuminating lecture was given by Dr. Irvin Rafkin on practice management. This subject was discussed with reference to ethical and financial procedures. He outlined for our group the proper professional relationship from the onset to the completion of dental service.

On Sunday, October 19, 1947, representatives of eight of the ten components of the Third Regency District met in session at the Hotel New Yorker. Members of the Eta Chapter were present to aid in laying the foundation for an even stronger Alpha Omega. A cocktail party was given by the New York alumni group, after which all the guests retired to the main ballroom where a wholesome and enjoyable meal was served.

Dancing followed and the merriment continued until the early morning hours.

Among other local affairs, the brothers of Eta Chapter have been getting married at a rapid pace—Lenny Rebhun, Irwin Robinson, Joseph Stein; and on the 21st of March, 1948, Harold Klein, our President, took the fateful step.

In a report such as this, more than the activities of our chapter must be reviewed. The meetings, speaker meetings, business meetings and social affairs are all adjuncts—important additions to the true meaning of fraternalism. In our four years at Columbia the fraters of A.O. have unveiled a bond of friendship and understanding that has made fraternity an investment for the future. It is thus the intangible aspects of fraternity that we believe to be the most important and the most gratifying.

To Dr. Jimmy Jay, our faculty advisor, the fraternity wishes to express its gratitude and appreciation for his ever helpful attitude and advice.

Much credit belongs to the present administration for a successful term of office. To Harold Klein, our President; Jack Breuer, Vice-President; Eli Stern, Secretary, and Mel Klickstein our able and extremely patient and persevering Treasurer (even to the point of occasional abuse), the members of Eta Chapter of A.O. say, "Thanks, men."

IVIN B. PRINCE





Eighth Floor Clinic



Room 7-207



WORLD DENTISTRY

International Contributions to Modern Dentistry*

BION R. EAST, D.D.S.

Associate Dean (Dental and Oral Surgery)

Faculty of Medicine, Columbia University

Dentistry and its relation to the post-war world is a timely theme for the 1948 Dental Columbian. We here at Columbia are particularly conscious of the relative compactness of the world. Modern transportation and communication tend to draw the peoples of the entire world closer together; to make them more dependent one on the other. Our location in the world's capital makes it convenient for many distinguished educators and scholars to visit the school. During 1946-47 dentists and physicians of thirty-two foreign countries made formal visits to us. Among these visitors were deans and professors of dental and medical schools. Also came specialists and general practitioners to observe and discuss our mutual problems in dental education, training and practice. From these men and women we gained much and we hope that they too profited in some measure from the exchange of information and ideas.

The international influence is reflected by the applications for admission to the School. During the past year, citizens of twenty foreign countries applied for admission. Students from twelve foreign countries were accepted and registered. This seems to establish the fact that Columbia's School of Dentistry is making significant contributions to world-wide dental education.

Too often we are prone to consider that dentistry is entirely an American development. While it is generally agreed that the art of dentistry has reached its greatest development in this country, yet in many respects Europeans have excelled in the science of dentistry. It should also be recalled and acknowledged that modern dentistry is founded on the efforts and accomplishments of the citizens of many countries, even upon the achievements of citizens of other civilizations. Perhaps it may be well to mention a few of the most outstanding: Hippocrates, of Ancient Greece;

and Galen, native of Asia Minor, a medical leader among the Romans; Tyff, the sixteenth century German; Vesalius of Belgium who corrected and amplified Galen's description of the anatomy of the teeth and jaws; Ambrose Paré, the French surgeon who was probably the first to introduce surgical prosthesis. The eighteenth century saw dentistry begin to take shape as a distinct profession—a profession practiced in the best scientific tradition of that day. We owe this start largely to Pierre Fauchard of France who is generally accepted as the founder of modern scientific dentistry. He served as a surgeon in the French Navy and later turned to the practice of dentistry as a specialty of medicine. It was during this later period that he published his celebrated work *Le Chirurgien Dentiste*. The date of its publication in 1720 marks the emergence of dentistry as a distinct profession. The eminent English anatomist and surgeon, John Hunter, made important and lasting contributions to dentistry. His books, *Natural History of Human Teeth* and *Practical Treatise on Diseases of the Teeth*, set a new standard for anatomical description of the jaws, teeth and associated parts. He also denounced the careless treatment of dental diseases by physicians and surgeons of his time, and did much to further the development of dentistry as a specialty. Many of his recommendations are as valid today as they were in 1778 when first published.

A great stimulus to professional dentistry in America is associated with an important episode in our national history. During the winter of 1776-77, the French fleet was operating in Long Island Sound in support of the American colonists. At that very early date, the French Fleet carried among its regular personnel, two dentists to give dental services to its crews. During that winter the French dentists, who were trained in the teachings and practices of Pierre Fauchard, established

*An introduction to the theme "World Dentistry" and to the contributing authors may be found on page 61.

EDITOR'S NOTE

their "offices" ashore in Connecticut. Two American dentists, Josiah Flagg and John Greenwood, met these professionally-trained Frenchmen. Flagg and Greenwood passed along to other American dentists the knowledge they gained from their French colleagues. Later Greenwood observed the French methods at first hand in Paris.

In more recent time, we benefited greatly from the German culture. The American, W. D. Miller, was stimulated by his contacts in that country to carry on the fundamental researches which so markedly influenced dentistry. More recently, the dental profession of this country has profited scientifically and culturally from contact with

dentists who have migrated from Central Europe, particularly Austria, to become associated with the research and teaching programs of dental schools in the United States.

From the foregoing it seems reasonable to conclude that dentistry of this day has resulted from international effort and study; that we Americans owe a debt of gratitude to the citizens of other civilizations and countries for our present professional status; and, finally, that Columbia's School of Dentistry is doing her share in elevating the standards of dental education and practice throughout the world.



Dental Education In Italy - Past, Present, and Future

A. K. OVADIA

Secretary for Foreign Contacts, Associazione Medici Dentisti Italiani

Dental Education, since it has come of age, has two opposite tendencies, the medical and the technical. In the States, technical education had reached perfection when the need for more biological knowledge became urgent. In Europe for almost half a century now, the medical tendency has been prevalent in some countries. For this reason, the schools of dentistry in some countries of Europe have been dependent on the medical faculties, and although in some countries the medical degree is required to practice dentistry, the technical education is neglected and the standard of dentistry is low.

Italy is one of these countries. The first laws to protect dentistry were passed about sixty years ago to prevent quacks and mere technicians from practicing. A special license was granted to a certain number of skilled practitioners. The laws were reenforced in 1912, with special licensing of a restricted number of practical dentists since the lack of dental materials, schools and instructors invited few doctors to the practice of dentistry.

After World War I and annexation of the Austrian provinces, the Government was compelled to enforce the laws again. The former Austrian (non-doctor) dentists were granted licenses, and the title of specialist was issued to those who had attended a School of Specialty. Any physician could practice any branch of medicine, including dentistry. The title of Specialist in Dentistry was reserved for those who had attended two years of Dental School (after six years of medicine) but nothing was done to enlarge and equip dental schools.

World War II further complicated the problem: universities and hospitals were destroyed all over Italy. In Rome, less touched by war than the other cities, many buildings in the University City were destroyed or damaged, such as the Cancer Institute, the Institute of Pharmacology, the Eastman Clinic and others.

The new Italian Dental Association (Associazione Medici Dentisti Italiani—AMDI) founded as soon as Italy was liberated is trying to raise the level of current dentistry. In October 1946 the first National Congress was held in Rome at the George Eastman Institute. It was a huge success from a scientific point of view and from the number of dentists who attended. During 1947 many lectures were held in all the principal cities of Italy by Italian, Swiss and English dentists. In September 1947 the second National Congress was held in Genoa and a vast program of activities for 1948 established.

But our efforts, amidst the destruction of war and the difficulties of reconstruction, cannot be successful without help and again we turn to the United States for fraternal cooperation. In Rome, the largest city in Italy and the one most in need, we hope to create a center of Modern Dentistry with the Clinic, the School of Dentistry and the George Eastman Institute collaborating. American Publishers could enrich the Institute's library with latest books and magazines, and American Universities and Colleges could provide copies of educational films. We also hope to start a subscription among American dentists of Italian descent to provide the Dental School with new equipment. Used laboratory equipment would be welcome to help create a school for dental technicians. We also propose to create a permanent exhibit of American Dental Materials at the Eastman Institute. American manufacturers could erect a model laboratory there and provide demonstrations in latest techniques to Italian dentists.

This program may appear hazardous, but we are sure that the spirit of reconstruction of the Italian people, with the collaboration of the Italian Dental Association, the American Dental Association, the Italian and American Universities, publishers and others will make it successful. The exchange of students, scholarships and goodwill will do the rest.

How Central European Dentistry Compares With American Dentistry

GEORGE STEIN, M.D., D.M.D.

*Research Associate, School of Dental and Oral Surgery
Faculty of Medicine, Columbia University*

There is no clear-cut answer to this question because there is no unified European dentistry as we know it in the United States. The requirements for the practice of dentistry and the education of dentists vary widely in different European countries.

Let us consider first pre-war conditions. In the old Austrian-Hungarian Empire, a medical degree was required for the practice of dentistry. This requirement was continued in most of the countries created by the splitting up of that Empire, as Czechoslovakia, Hungary, Austria, and Yugoslavia. The specialized dental education was mostly post-graduate. In other countries, as Germany, Switzerland, France and England, dentistry was taught in special courses leading to a specialized dental degree. Many of these schools were connected with universities.

In most European countries, there was a second group of persons with a different education, who were legally permitted to carry on dental practice. These persons originally were dental technicians who by some additional studies and examinations acquired the right to practice dentistry within certain limitations. Their number frequently exceeded that of the graduate dentists. From this short report it can be concluded that the educational standards of dentists in different European countries varied greatly and that even the standards of different dental groups in one country admitted to the practice of dentistry, varied considerably.

No attempt is made to classify standards of dentistry in different European countries, although such classification is possible. In general, it may be stated that in the group of high-class practitioners, the difference between European and American dentists is not great. A good reason for this is that many European dentists came to the

United States for graduate or post-graduate study. Many were teachers in dental schools who, upon return to their home countries, spread their knowledge to their colleagues. American Journals were also widely read in European countries.

However, a better organized curriculum and better selection of students in American schools are responsible for the fact that the average dentist in the United States is on a much higher level than the average European dentist. Also, the average American dentist is provided with far superior work by his laboratories than is the average European dentist.

A favorite field of research in some European countries was a biological approach to dental problems. Many questions of histology and pathology on the borderline between medicine and dentistry were intensely studied. American dentistry was quick to realize the importance of this approach and caught up rapidly with Europe in this field.

The dental care of school children had received special attention and the systematic organization of school dental clinics in many European countries was far advanced between the years of 1930 and 1940.

After dental treatment was included in compulsory health insurance in many countries a greater part of the population received some dental care. However, a disadvantage was that the time allotted to the dentists for each operation was not sufficient for careful work and relatively poor dentistry was rather the rule.

Since the end of the recent war, the gap in the practice of dentistry between many European countries and the United States has widened rapidly. Equipment and instruments are worn out and cannot be replaced. Materials are scarce and artificial teeth, impression and denture materials

are hard to get and often rationed. Electric current, especially in the defeated countries, is available for certain hours only. The dental conditions of the adult population are therefore deteriorating. It is consoling, and a good subject for study, that the teeth of children up to ten years of age, seem to be in better condition now than in pre-war years.

Again it must be emphasized that the condi-

tions mentioned are different in the various European countries and that these differences today are far greater than before the war.

It is encouraging that in many European countries efforts are being made to overcome the difficulties of our profession. Proof of it is the increasing number of representatives of the dental profession abroad visiting the United States for information about recent advances.

Dental Health Service In Sweden

FRANCES AGNES STOLL, R.D.H., M.A.

Director of Courses for Dental Hygienists, Columbia University

As an honorary Fellow of the American Scandinavian Foundation, I traveled through the southern part of Sweden for ten weeks during the summer of 1946. This made it possible for me to study Swedish dental health service at first hand.

Sweden with its population of 6,650,000 people is slightly larger than our state of California in size, shape, and population.

Although Sweden has had an outstanding health program for a long time, only within the last fifteen years have the dental needs of the population been seriously considered. This was not an indication of laxity, but rather a lack of appreciation of the dental health phase in relation to general health. In this respect Sweden has progressed more rapidly than most countries.

In June 1939 the law relating to dental services was passed. It has been amended and refined five times since the original law was signed. Briefly it provides:

State subsidy may be given any county (Lan) that gives dental service to children and adults.

Each county appoints a dental committee in its county government and a chief of the central dental clinic. The chief is a dentist and sits as an advisory member on the dental committee but has no vote.

Each county is divided into districts with a permanent dental clinic in each district. Each clinic has at least one dentist and one registered dental nurse. In large districts there may be larger staffs and or one or more traveling clinics.

In addition to each district clinic there is a central dental clinic attached usually to the largest hospital in the county.

In the central clinic complicated cases referred from the districts are treated. The law also provides dental services for in-patients of the hospital. The chief of the central dental clinic must have special qualifications in surgery, prosthetics, orthodontia, and children's dentistry.

State funds are given to set up and equip each clinic. The community contributes approximately one-half of the cost and the State approximately one-half of the cost. Each year the state provides one-half the salary of each dentist employed and one-third the salary of each dental nurse. The state also pays all increases in salaries which for dentists is about \$150 every three years for three increases, \$25 every three years for nurses. District dentists are paid 7,200 kronar a year (\$2,000.) plus 10% of fees collected by him.

In most instances school dental clinics are in school buildings. They are well-equipped and function with a high degree of efficiency in time and use of equipment and materials. School authorities collaborate with the health-groups and there is no opposition to the use of school time for these services as health is considered of prime importance in education.

One of the problems preventing the rapid expansion of the clinic system is the need for more trained personnel. Sweden at present has one dental school which graduates 100 dentists a year. Two new schools are to be organized soon, each with equal capacity.

Dental education is costly and only students having the highest marks in preliminary education are admitted. The length of preliminary and dental school education is about the same as in the United States, but is divided differently. The Dental course is four years in length.

There are many dentists in private practice, and all are very prosperous and busy. They do not object to the establishment of more and more clinics for they know there is plenty of work for all and that the good health of the people is paramount.

Report On The Dental Students' Convention, Leeds, England

GABRIEL I. AUERBACH and ARTHUR ZINN, JR.

The summer of 1947 was an epochal one for students of the School of Dental and Oral Surgery of Columbia University. An international conference of dental students, the first of its kind to include representatives from the United States, was held at the University of Leeds Dental School in Leeds, England. The conference was sponsored by the British Dental Students' Association, and at their invitation, Columbia University was asked to represent all American Dental Schools.

Over one hundred delegates were present, representing dental schools in England, Scotland, Eire, France, Holland, Norway, Sweden, Denmark and the United States.

The British Dental Students' Association had its inception in 1942. The Association grew from the recognized need for an official representative body to express the views of dental students

throughout the United Kingdom. Its objectives include the establishment of a representative student organization, the improvement of dental service to the nation, the promotion of the academic and social interests of the students, and the correlation of activities of other student societies.

The conference program itself was neatly engineered. Its formal program included exhibits in the various departments at the Dental Hospital in Leeds; clinical examinations of post-operative maxillo-facial cases by Prof. T. Talmadge Read, head of the Leeds Dental School; lectures by some of Britain's leading professional men; an address by the Minister of Health, the Rt. Hon. Aneurin Bevan; and informal student discussions.

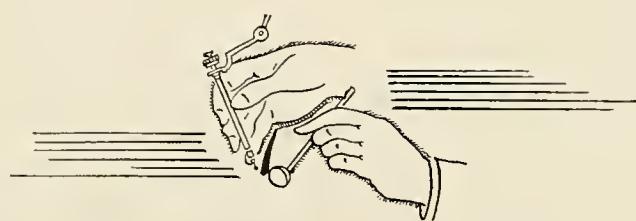
Patronage and support of the student conference was evidenced by the presence of such personalities as the heads of the Royal Army and

Royal Navy Dental Corps, Major General Austin and Surgeon-Captain Wood; the secretary of the British Dental Association, Dr. W. G. Senior; the principal dental officer in the Ministry of Health, Dr. H. A. Mahoney; the President and Chancellor of the University of Leeds; the Dean of the Medical School of the University of Leeds; the Lord Mayor of Leeds; Dr. E. Wilfred Fish, one of Britain's leading research men; as well as faculty and deans of several medical and dental schools in the British Isles.

The reception given the two American delegates was overwhelming. For a nation that had indeed been "occupied" by so many Americans during the war, the British went all out in feting the Columbia students. It had been expected that the British, living in an environment of austerity and belt-tightening, might reservedly regard anything American as lavish and smug. This expectation, however, was most gratifyingly dispelled. American dentistry was enveloped in a kind of halo, and a part of this attitude was the reverence and respect accorded the reputation of the School of Dental and Oral Surgery at Columbia University. The Columbia delegates were almost embarrassingly singled out to be presented to the Minister of Health of His Majesty's government, to

be entertained at a reception by the Lord Mayor, to be interviewed by reporters, to answer a toast on behalf of all the European delegates, and singularly recognized on numerous other occasions.

It was recognized by those attending the Conference, that pioneering steps were being taken. The accomplishments of such an international conference are significant on several levels. The interchange of ideas as students is an advancement, a stimulant, a valuable precursor to such exchange later on as practitioners. The fact that dental students were gathered from many parts of the world was indeed a stimulus for progressive dentistry and for furthering a health service profession devoted to the public interest. The selection of Columbia to represent American Dental Schools and the acknowledgment of its contribution and prestige can only speak well for the University. It is felt that the vision and encouragement of the authorities of the University have sounded a keynote. As improved transportation and communication seems to shrink the world in size and as the interdependence of nations becomes more apparent, it is necessary, as a prelude to mutual understanding, that ideas be exchanged on many levels. Only then can iron curtains be melted down.





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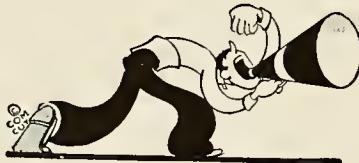
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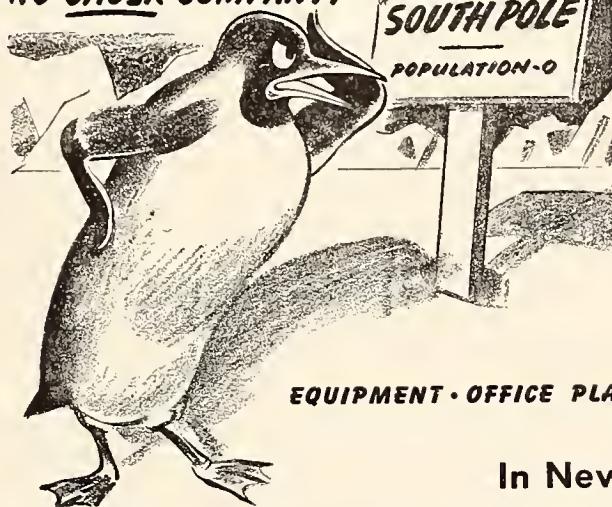
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